

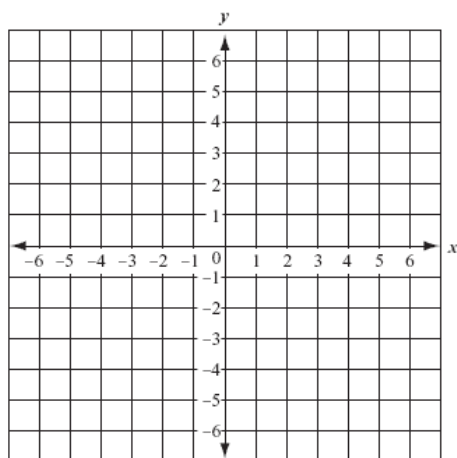
**Algebra 1**  
**Mrs. Arot/Mrs. Britton**  
**7.5 Graphing Systems of Inequalities WS**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

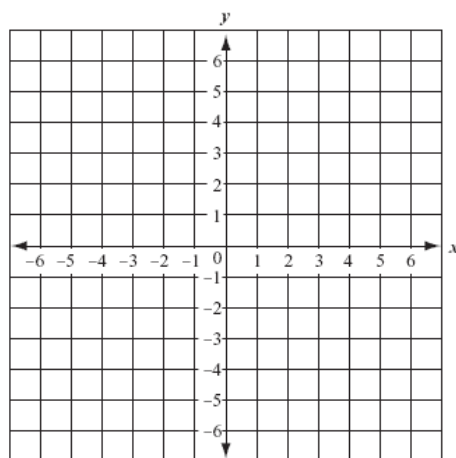
**Graph each system of inequalities and name a point in the solution set:**

1. 
$$\begin{cases} y \leq x - 3 \\ y < -2x + 1 \end{cases}$$



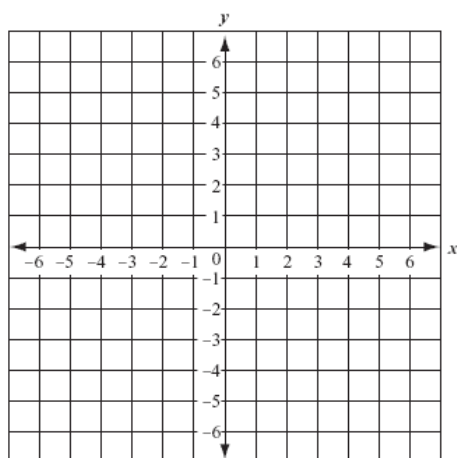
Point in Solution: \_\_\_\_\_

2. 
$$\begin{cases} y \geq x - 2 \\ y \geq -5x + 2 \end{cases}$$



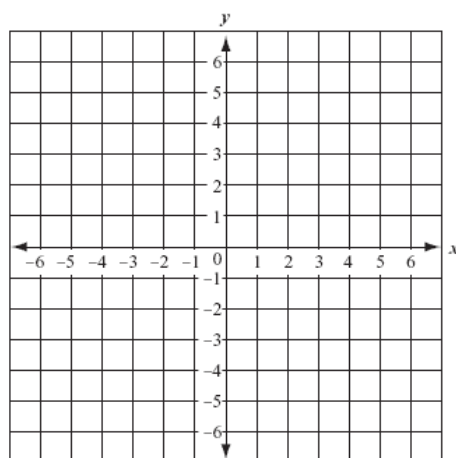
Point in Solution: \_\_\_\_\_

3. 
$$\begin{cases} y \geq \frac{4}{3}x - 1 \\ y < -x - 3 \end{cases}$$



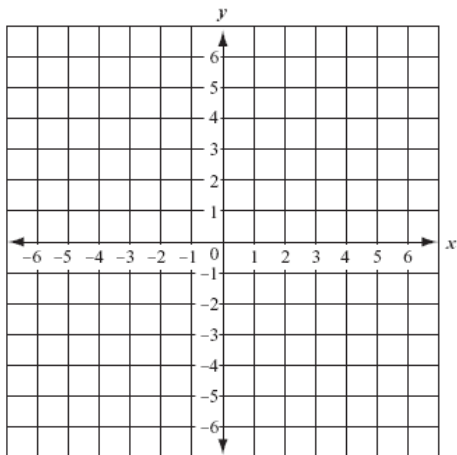
Point in Solution: \_\_\_\_\_

4. 
$$\begin{cases} y > 4x - 7 \\ y < 12 \end{cases}$$



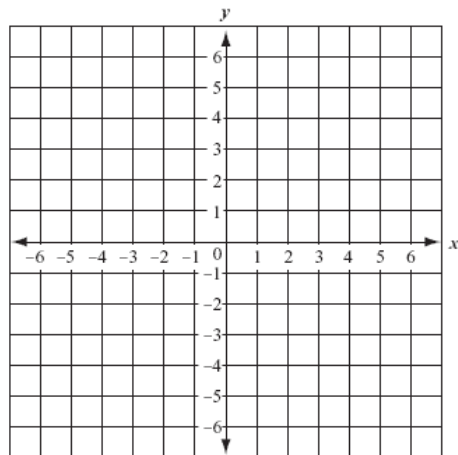
Point in Solution: \_\_\_\_\_

5. 
$$\begin{cases} y > -x + 8 \\ y \leq 3x - 4 \end{cases}$$



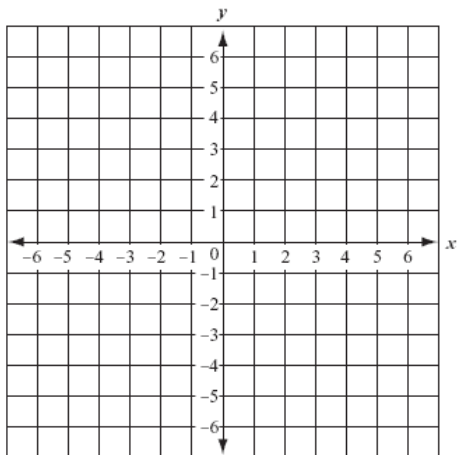
Point in Solution: \_\_\_\_\_

6. 
$$\begin{cases} y \leq -x + 6 \\ y \geq 3x - 6 \end{cases}$$



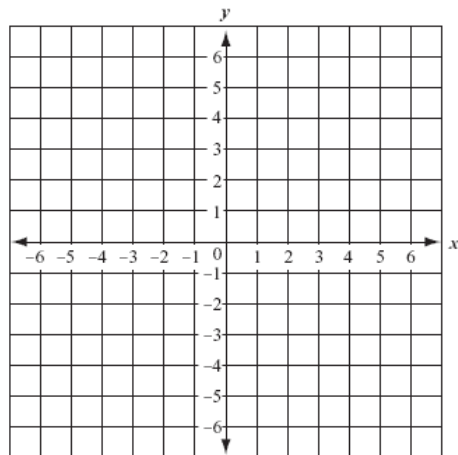
Point in Solution: \_\_\_\_\_

7. 
$$\begin{cases} y > 2x - 4 \\ y > -\frac{1}{3}x + 3 \end{cases}$$



Point in Solution: \_\_\_\_\_

8. 
$$\begin{cases} y \leq 4x + 2 \\ y \geq -x - 3 \end{cases}$$



Point in Solution: \_\_\_\_\_